

ANNALS OF THE NEW YORK ACADEMY OF SCIENCES

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Editor
Roy Waldo Miner

THE ORGANIZATION OF THE NEW YORK
ACADEMY OF SCIENCES

Its Incorporation, Its Amended Charter, Its Constitution
and By-Laws

Revised to October 10, 1952

John Tee-Van, Recording Secretary



NEW YORK
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THE NEW YORK ACADEMY OF SCIENCES

(Founded in 1817)

COUNCIL, 1953

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These Sections and the Division hold meetings regularly, one evening each month, during the academic year, October to May, inclusive. Two-day conferences also are held at irregular intervals. All meetings are held at the building of The New York Academy of Sciences, 2 East Sixty-third Street, New York 21, New York.

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RECEIVED
JUN 26 1853

H. W. H.

THE ORGANIZATION OF THE NEW YORK ACADEMY OF
SCIENCES

THE ORIGINAL CHARTER

AN ACT TO INCORPORATE THE

LYCEUM OF NATURAL HISTORY IN THE CITY OF NEW YORK

Passed April 20, 1818

Whereas, The members of the Lyceum of Natural History have petitioned for an act of incorporation, and the Legislature, impressed with the importance of the study of Natural History, as connected with the wants, the comforts and the happiness of mankind, and conceiving it their duty to encourage all laudable attempts to promote the progress of science in this State--therefore,

1. *Be it enacted by the People of the State of New York represented in Senate and Assembly*, That Samuel L. Mitchill, Casper W. Eddy, Frederick C. Schaeffer, Nathaniel Paulding, William Cooper, Benjamin P. Kissam, John Torrey, William Cumberland, D'Jurco V. Knevels, James Clements and James Pierce, and such other persons as now are, and may from time to time become members, shall be, and hereby are constituted a body corporate and politic, by the name of **Lyceum of Natural History in the City of New York**, and that by that name they shall have perpetual succession, and shall be persons capable of suing and being sued, pleaded and being impleaded, answering and being answered unto, defending and being defended, in all courts and places whatsoever; and may have a common seal, with the power to alter the same from time to time; and shall be capable of purchasing, taking, holding, and enjoying to them and their successors, any real estate in fee simple or otherwise, and any goods, chattels, and personal estate, and of selling, leasing, or otherwise disposing of said real or personal estate, or any part thereof, at their will and pleasure: *Provided always*, that the clear annual value or income of such real or personal estate shall not exceed the sum of five thousand dollars: *Provided*, however, that the funds of the said Corporation shall be used and appropriated to the promotion of the objects stated in the preamble to this act, and those only.

2. *And be it further enacted*, That the said Society shall from time to time, forever hereafter, have power to make, constitute, ordain, and establish such by-laws and regulations as they shall judge proper, for the election of their officers; for prescribing their respective functions, and the mode of discharging the same; for the admission of new members; for the government of the officers and members thereof; for collecting annual

contributions from the members towards the funds thereof; for regulating the times and places of meeting of the said Society; for suspending or expelling such members as shall neglect or refuse to comply with the by-laws or regulations, and for the managing or directing the affairs and concerns of the said Society: *Provided* such by-laws and regulations be not repugnant to the Constitution and laws of this State or of the United States.

3. *And be it further enacted*, That the officers of the said Society shall consist of a President and two Vice-Presidents, a Corresponding Secretary, a Recording Secretary, a Treasurer, and five Curators, and such other officers as the Society may judge necessary; who shall be annually chosen, and who shall continue in office for one year, or until others be elected in their stead; that if the annual election shall not be held at any of the days for that purpose appointed, it shall be lawful to make such election at any other day; and that five members of the said Society, assembling at the place and time designated for that purpose by any by-law or regulation of the Society, shall constitute a legal meeting thereof.

4. *And be it further enacted*, That Samuel L. Mitchill shall be the President; Casper W. Eddy the First Vice-President; Frederick C. Schaeffer the Second Vice-President; Nathaniel Paulding, Corresponding Secretary; William Cooper, Recording Secretary; Benjamin P. Kissam, Treasurer, and John Torrey, William Cumberland, D'Jurco V. Knevels, James Clements, and James Pierce, Curators; severally to be the first officers of the said Corporation, who shall hold their respective offices until the twenty-third day of February next, and until others shall be chosen in their places.

5. *And be it further enacted*, That the present Constitution of the said Association shall, after passing of this Act, continue to be the Constitution thereof; and that no alteration shall be made therein, unless by a vote to that effect of three-fourths of the resident members, and upon the request in writing of one-third of such resident members, and submitted at least one month before any vote shall be taken thereupon.

State of New York, Secretary's Office.

I certify the preceding to be a true copy of an original Act of the Legislature of this State, on file in this Office.

Arch'd Campbell,

Albany, April 29, 1818.

Dep. Sec'y.

ORDER OF COURT

ORDER OF THE SUPREME COURT OF THE STATE OF NEW YORK
TO CHANGE THE NAME OF

THE LYCEUM OF NATURAL HISTORY IN THE CITY
OF NEW YORK

TO

THE NEW YORK ACADEMY OF SCIENCES

Whereas, in pursuance of the vote and proceedings of this Corporation to change the corporate name thereof from "The Lyceum of Natural History in the City of New York" to "The New York Academy of Sciences," which vote and proceedings appear to record, an application has been made in behalf of said Corporation to the Supreme Court of the State of New York to legalize and authorize such change, according to the statute in such case provided, by Chittenden & Hubbard, acting as the attorneys of the Corporation, and the said Supreme Court, on the 5th day of January, 1876, made the following order upon such application in the premises, viz:

At a special term of the Supreme Court of the State of New York, held at the Chambers thereof, in the County Court House, in the City of New York, the 5th day of January, 1876:

Present--Hon. Geo. C. Barrett, *Justice*.

In the matter of the application of the Lyceum of Natural History in the City of New York to authorize it to assume the corporate name of the New York Academy of Sciences.

On reading and filing the petition of the Lyceum of Natural History in the City of New York, duly verified by John S. Newberry, the President and chief officer of said Corporation, to authorize it to assume the corporate name of the New York Academy of Sciences, duly setting forth the grounds of said application, and on reading and filing the affidavit of Geo. W. Quackenbush, showing that notice of such application had been duly published for six weeks in the State paper, to wit, *The Albany Evening Journal*, and the affidavit of David S. Owen, showing that notice of such application has also been duly published in the proper newspaper of the County of New York, in which county said Corporation had its business office, to wit, in *The Daily Register*, by which it appears to my

satisfaction that such notice has been so published, and on reading and filing the affidavits of Robert H. Browne and J. S. Newberry, thereunto annexed, by which it appears to my satisfaction that the application is made in pursuance of a resolution of the managers of said Corporation to that end named, and there appearing to me to be no reasonable objection to said Corporation to changing its name as prayed in said petition: Now on motion of Grosvenor S. Hubbard, of Counsel for Petitioner, it is

Ordered, That the Lyceum of Natural History in the City of New York be and is hereby authorized to assume the corporate name of The New York Academy of Sciences.

Indorsed: Filed January 5, 1876,

A copy.

Wm. Walsh, Clerk.

*Resolution of The Academy accepting the order of the Court, passed
February 21, 1876*

And whereas, The order hath been published as therein required, and all the proceedings necessary to carry out the same have been had, Therefore:

Resolved, That the foregoing order be and the same is hereby accepted and adopted by this Corporation, and that in conformity therewith the corporate name thereof, from and after the adoption of the vote and resolution herein above referred to, be and the same is hereby declared to be THE NEW YORK ACADEMY OF SCIENCES.

AMENDED CHARTER

MARCH 19, 1902

CHAPTER 181 OF THE LAWS OF 1902

An Act to amend chapter one hundred and ninety-seven of the laws of eighteen hundred and eighteen, entitled "An act to incorporate the Lyceum of Natural History in the City of New York," a Corporation now known as The New York Academy of Sciences and to extend the powers of said Corporation.

(Became a law March 19, 1902, with the approval of the Governor. Passed, three-fifths being present.)

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The Corporation incorporated by chapter one hundred and ninety-seven of the laws of eighteen hundred and eighteen, entitled "An act to incorporate the Lyceum of Natural History in the City of New York," and formerly known by that name, but now known as The New York Academy of Sciences through change of name pursuant to order made by the supreme court at the city and county of New York, on January fifth,

eighteen hundred and seventy-six, is hereby authorized and empowered to raise money for, and to erect and maintain, a building in the city of New York for its use, and in which also at its option other scientific societies may be admitted and have their headquarters upon such terms as said Corporation may make with them, portions of which building may be also rented out by said Corporation for any lawful uses for the purposes of obtaining income for the maintenance of such building and for the promotion of the objects of the Corporation; to establish, own, equip, and administer a public library, and a museum having especial reference to scientific subjects; to publish communications, transactions, scientific works, and periodicals; to give scientific instruction by lectures or otherwise; to encourage the advancement of scientific research and discovery, by gifts of money, prizes, or other assistance thereto. The building, or rooms, of said Corporation in the City of New York used exclusively for library or scientific purposes shall be subject to the provisions and be entitled to the benefits of subdivision seven of section four of chapter nine hundred and eight of the laws of eighteen hundred and ninety-six, as amended.

Section II. The said Corporation shall from time to time forever hereafter have power to make, constitute, ordain, and establish such by-laws and regulations as it shall judge proper for the election of its officers; for prescribing their respective functions, and the mode of discharging the same; for the admission of new members; for the government of officers and members thereof; for collecting dues and contributions towards the funds thereof; for regulating the times and places of meeting of said Corporation; for suspending or expelling such members as shall neglect or refuse to comply with the by-laws or regulations, and for managing or directing the affairs or concerns of the said Corporation: and may from time to time alter or modify its constitution, by-laws, rules, and regulations.

Section III. The officers of the said Corporation shall consist of a president and two or more vice-presidents, a corresponding secretary, a recording secretary, a treasurer, and such other officers as the Corporation may judge necessary; who shall be chosen in the manner and for the terms prescribed by the constitution of the said Corporation.

Section IV. The present constitution of the said Corporation shall, after the passage of this act, continue to be the constitution thereof until amended as herein provided. Such constitution as may be adopted by a vote of not less than three-quarters of such resident members and fellows of the said New York Academy of Sciences as shall be present at a meeting thereof, called by the Recording Secretary for that purpose, within forty days after the passage of this act, by written notice duly mailed, postage prepaid, and addressed to each fellow and resident member at least ten days before such meeting, at his last known place of residence, with street and number when known, which meeting shall be held within three months after the passage of this act, shall be thereafter

the constitution of the said New York Academy of Sciences, subject to alteration or amendment in the manner provided by such constitution.

Section V. The said Corporation shall have power to consolidate, to unite, to co-operate, or to ally itself with any other society or association in the city of New York organized for the promotion of the knowledge or the study of any science, or of research therein, and for this purpose to receive, hold and administer real and personal property for the uses of such consolidation, union, co-operation, or alliance subject to such terms and regulations as may be agreed upon with such associations or societies.

Section VI. This act shall take effect immediately.

STATE OF NEW YORK,

OFFICE OF THE SECRETARY OF STATE.

I have compared the preceding with the original law on file in this office, and do hereby certify that the same is a correct transcript therefrom, and the whole of said original law.

Given under my hand and the seal of office of the Secretary of State, at the city of Albany, this eight day of April, in the year one thousand nine hundred and two.

JOHN T. McDONOUGH,
Secretary of State.

CONSTITUTION OF THE NEW YORK ACADEMY OF SCIENCES

Adopted, December 5, 1951

Article I

NAME AND OBJECTS

Section 1. The name of this Corporation shall be The New York Academy of Sciences.

Section 2. The center of its activities shall be in the City of New York.

Section 3. Its objects shall be to advance scientific research and discovery; to provide a forum for the presentation and discussion of scientific problems; to publish and distribute the results of research, and to interpret them for the promotion of the common welfare.

Article II

MEMBERSHIP

Section 1. The Academy shall consist of eight classes of members, as defined in the Bylaws, namely: Benefactors, Patrons, Life Members, Sustaining Members, Annual Active Members, Student Members, Honorary Life Members, and Corporation Members.

Section 2. The designation "Active Member" shall be applied to all voting members of the Academy which shall include all the above classes except Student Members, Honorary Life Members, and Corporation Members. None but those Active Members of the Academy who are in good standing shall be entitled to vote or shall be eligible to hold office in the Academy.

Section 3. Active Members of the Academy, outstanding in scientific attainment, may be chosen to become Fellows of the Academy.

Section 4. Honorary Life Members shall be chosen from among persons who have attained distinction in some branch of science. The number of Honorary Life Members shall not exceed one hundred.

Article III

GOVERNING BODY

Section 1. The governing body of the Academy shall be a Council composed of the elected Officers, twelve elected Councilors, an elected Finance Committee of three, the elected Chairman of each established Section of the Academy, and the eligible Past Presidents of the Academy.

Section 2. The Council shall have control over the affairs of the Academy. It shall have the power to establish, divide, sub-divide, or discontinue Sections and Divisions of the Academy; to call all meetings of the Academy; and to fill, for the unexpired term, any vacancies in the Coun-

cil, except as provided for in Article VII, Sections 3 and 4, of this Constitution.

Section 3. For the purpose of doing business, ten members of the Council present and eligible to vote shall constitute a quorum.

Article IV

OFFICERS AND OTHER MEMBERS OF THE COUNCIL

Section 1. The elected Officers of the Academy shall be a President, a President-elect, two Vice-Presidents, a Corresponding Secretary, a Recording Secretary, a Treasurer, and an Editor.

Section 2. The other elected Members of the Council shall be twelve Councilors, a Finance Committee of three and the Chairman of each established Section of the Academy.

Section 3. (a) All Past Presidents whose terms were served prior to 1951 shall be *ex officio* Members of the Council.

(b) Presidents of the Academy who have served either during or after 1951, upon completion of their terms of office, shall be *ex officio* Members of the Council for a period not to exceed two consecutive years.

Section 4. The election of the Officers and the other elective Members of the Council shall be held annually on the first Wednesday in December, or on some other day in December specifically designated by vote of the Council. They shall take office on the first day of January following.

Article V

EXECUTIVE DIRECTOR

Section 1. An Executive Director shall be elected annually by the Council at its first meeting in January, for a term of one year and shall hold office beginning with the first day of February following, or until a successor to that position shall have been chosen. The Executive Director shall sit on the Council, but shall not have the power to vote.

Article VI

AFFILIATED SOCIETIES

Section 1. The Council shall have the power to establish or discontinue affiliation with The New York Academy of Sciences of scientific societies or associations, organized for the study of any branch of science.

Section 2. Members of affiliated societies may become Active Members of the Academy upon election by the Council and upon payment of the fee prescribed for such Membership. Otherwise, as Members of an affiliated society, they shall be entitled to such privileges as shall be determined

by the Council of the Academy.

Section 3. Each affiliated society shall have the right to delegate one of its members, who is also an Active Member of the Academy, to sit on the Council of the Academy, and such delegate shall have advisory privileges regarding matters concerning the affiliated society which he represents, but shall have no vote.

Article VII

TERMS OF OFFICE

Section 1. The President shall serve for the term of one year only. The President-elect shall serve in that capacity for the term of one year and shall then become President. The Vice-Presidents and Sectional Chairmen shall serve in their respective positions for one year and shall be eligible for re-election for the next ensuing year only. The Secretaries, Treasurer, Editor and Members of the Finance Committee shall serve for the term of one year and shall be eligible to re-election without limitation. The President, President-elect, Vice-Presidents and Secretaries shall be Fellows.

Section 2. The terms of office of elected Councilors shall be three years. The Councilors shall be so grouped that four shall be elected and four retired each year. Elected Councilors shall not be eligible to re-election to that position until after the expiration of one year.

Section 3. In the event that the office of the President shall become vacant, that Vice-President who is senior in order of Fellowship shall serve for the unexpired term.

Section 4. Should the office of the President-elect become vacant, it shall not be filled for the unexpired term. A President shall be elected in accordance with the provisions for the election of officers defined in Article IV, *Section 4*.

Article VIII

METHOD OF ELECTION

Section 1. The election of officers and other Members of the Council shall be by mail ballot to the Active Membership, and the candidates receiving the greatest number of votes for the respective positions shall be *ipso facto* duly elected.

Article IX

QUORUM

Section 1. Fifty Active Members shall form a quorum at any meeting of the Academy at which business is transacted.

Article X

BYLAWS

Section 1. The Council shall establish such Bylaws, not in conflict with the Constitution, as may be necessary and proper for the government of the Academy and may amend them from time to time as therein provided.

Article XI

AMENDMENTS

Section 1. This Constitution may be amended by a vote of not less than two-thirds of the Active Members voting. The Recording Secretary shall send a ballot and a copy of the amendment proposed by the Council to each Active Member entitled to vote, at least four weeks before the time set by the Council for the balloting to close.

BYLAWS

As adopted by the Council, October 10, 1952

Article I

OFFICERS

Section 1. President. The President shall be the chief executive officer of the Academy. It shall be his duty to preside at the business and special meetings of the Academy and at the meetings of the Council. He shall have the power to call meetings of the Council and shall be a Member of all Standing Committees, except the Finance Committee. He shall sign all certificates of election to membership.

Section 2. Vice Presidents. In the temporary absence of the President, that Vice President who is senior in order of Fellowship shall act as the presiding officer.

Section 3. Corresponding Secretary. The Corresponding Secretary shall keep a corrected list of the Honorary Life Members, their titles and addresses, and shall conduct all correspondence concerning such Membership. He shall make a report at the Annual Meeting. He shall be a member of the Committee for the Nomination of Fellows and Honorary Life Members.

Section 4. Recording Secretary. The Recording Secretary shall keep the minutes of the meetings of the Academy and Council; have access to all records of the Academy and to its Corporate Seal, which he shall affix and attest as directed by Council; he shall sign all certificates of election to membership; shall notify members of the Council of the dates of the meetings thereof; and shall lay before the Council all matters requiring consideration by the Council that have come to his attention.

Section 5. Treasurer. The Treasurer shall collect and receive all moneys due to the Academy and shall have custody of the funds of the Academy. All moneys received shall be deposited by him in the corporate name of the Academy in banks or trust companies designated by the Council. All funds shall be subject to the drafts of the Treasurer as authorized by the Council. He shall make disbursements for debts against the Academy, on the order of the Council for their discharge, and shall keep a full accounting of all of the Academy's financial transactions.

The Treasurer, the President, or any Member of the Finance Committee shall have the power to sign checks, as authorized by the Council. The Treasurer and all other persons who have the power to sign checks shall be bonded.

The Treasurer shall report to the Council, at each regular meeting thereof, the financial status of the Academy. He shall submit to the Academy, at each Annual Meeting, a statement of the financial operations for the

preceding fiscal year and a balance sheet as at the close of such fiscal year.

Section 6. Editor. The Editor shall receive all manuscripts and be responsible for the editing and printing of such as have been authorized by the Council to be printed. Manuscripts of papers that have not been presented at stated meetings of the Academy shall be submitted by the Editor to the Publication Committee for their advice and upon receipt of such the Editor shall recommend action to the Council. The Editor shall make a report to the Council at each regular meeting and to the Academy at each Annual Meeting on the status of the publications program.

Section 7. Executive Director. The Executive Director shall be the operating executive of the Academy, responsible directly to the Council, and shall be charged with conducting all administrative activities not otherwise provided for in the Bylaws. He shall be a member and secretary of all Standing Committees, including the Executive Committee, but excepting the Finance Committee.

The principal duties of the Executive Director shall include: custodianship of the Academy buildings and property, except as otherwise provided for; general office administration, hiring and discharging of the employed staff; official charge of the mechanics of conducting meetings, conferences, receptions, and similar functions of the Academy; handling all correspondence relative to Academy business that is addressed to the Academy office; conducting all business relative to the sales and distribution of the Academy publications; and custodianship of the stock of such publications.

The Executive Director shall be assistant to the Treasurer, performing such duties as the Treasurer may delegate to him, including the receipt of payments for dues from all members and the keeping of accounts relative to the same.

The Executive Director shall be assistant to the Recording Secretary, performing such duties as the Recording Secretary may delegate to him; shall perform such functions as keeping a corrected list of the Active Members and Fellows; mailing notices of the Academy meetings to its Members; notifying Members and Fellows of their election; and Members of committees of their appointment. He shall also be charged with soliciting new members and mailing notices for renewal of membership.

Article II

COUNCIL

Section 1. Meetings. The Council shall hold meetings upon the fourth Thursday of the months of January, February, March, April, October, upon the third Thursday of November of each year, and at such other stated times as it may decide upon, or at the call of the President.

Section 2. Officers. The President, President-elect, Vice Presidents, Corresponding Secretary, Recording Secretary, Treasurer, Editor, and Members of the Finance Committee of the Academy shall hold the same offices in the Council.

Section 3. Committees. (a) The Standing Committees of the Council shall be: an Executive Committee; a Finance Committee; an Annual Meeting Committee; a Conference Organization Committee; a Fellows and Honorary Life Members Committee; a House Committee; a Membership Committee; a Nominating Committee; a Committee on Prizes; a Publication Committee; and a Committee on Organization and Rules.

(b) Special Committees authorized by the Council shall serve for such periods as shall be designated by the Council but all Special Committees shall automatically terminate on the first meeting of the Council in January of each year, unless continued by the Council at said meeting.

Article III

FINANCE COMMITTEE

Section 1. Finance Committee. The Finance Committee shall have the responsibility of keeping the investments of the Academy under constant scrutiny, and shall have the power, but only with the approval of the Treasurer, to order the purchase or sale of securities. Decisions reached by the Finance Committee and the Treasurer to buy or sell securities shall be carried out by the Treasurer and all transfers and assignments of the securities registered or standing in the name of the Academy shall be executed under the Seal of the Academy by the Treasurer, over his signature, or, in his absence, by the President or the Chairman of the Finance Committee, together with the Recording Secretary. The Treasurer shall report to the Council at the next regular meeting thereof all purchases and sales of securities and investments made.

The Council may, however, at any time, direct the sale or retention of any securities and investments held by the Academy, or direct the reinvestment of any proceeds of sale or investment of other funds of the Academy available for investment in such securities or investments as it may specify.

Section 2. The Finance Committee shall also act as an Auditing Committee and shall cause the accounts of the Treasurer and any other accounts of the Academy to be audited and certified annually, or more often as it deems advisable, by a certified public accountant of its selection. It shall examine the annual statement of the Treasurer before it is submitted to the Academy at its Annual Meeting and shall annually, or more often as it deems advisable, examine and verify the securities and other investments belonging to the Academy and, for such purpose, shall have access to these securities in the manner and under the conditions prescribed by the Council.

Section 3. In the absence of the Treasurer, any one member of the Finance Committee shall have the power to sign checks, on authorization by the Council.

The members of the Finance Committee shall be bonded.

Two members of this Committee shall constitute a quorum.

Article IV

PROCEDURE FOR NOMINATIONS AND ELECTIONS

Section 1. Suggestions by the Members for Nominations. Suggestions for nominations of Officers of the Academy and Members of the Council, with the exception of Sectional Chairmen, may be sent in writing by any Active Member of the Academy, addressed to the Nominating Committee of the Academy, 2 East Sixty-third Street, New York, N. Y., with the name of the proposer. To be considered, such suggestions must be received not later than September first of each year.

Section 2. Nominations of Sectional Chairmen. Each section of the Academy, at its meeting in May, shall nominate a candidate for Chairman for the approval of the Council, who, on election by the Academy, shall be chairman of the section for the next ensuing calendar year. The names of such nominees shall be sent to the Recording Secretary properly certified by the sectional secretaries, not later than the following September first.

Section 3. Preparation of the Official Ballot and Method of Balloting.

(a) The Nominating Committee shall report to the Council at its meeting in October and the Council shall then prepare a list of nominations which shall be the Official Ballot.

(b) The Official Ballot shall bear at least one name nominated by the Council for each office, and, with the exception of the Sectional Chairmen, a blank space for "write in" if the voter so desires.

(c) This Official Ballot shall be mailed to each Active Member in good standing not later than November first of each year and, to be valid, it must be returned to and received in the Academy office not later than November thirtieth, of each year.

(d) Three tellers shall be appointed by the President at the October meeting of the Council. The tellers shall receive and count the valid ballots that have been returned and shall present a signed report of the results of the voting at the next following Annual Meeting.

Article V

ELIGIBILITY FOR MEMBERSHIP

Section 1. Annual Active Members. Persons of scientific training, having been at any time engaged in scientific work or otherwise in the advancement of science, shall be eligible for Active Membership when nominated in writing to the Council by two Members who are qualified to do so by right of full membership privileges. If approved by the Council, they may be elected by the unanimous vote of the Councilors present at the meeting at which their names are presented.

Section 2. Sustaining Members. Persons of scientific training or attainments, or interested in the furtherance of science, shall be eligible for Sustaining Membership when nominated in writing to the Council by

Members who are qualified to do so by right of full membership privileges. If approved by the Council, they may be elected by the unanimous vote of the Councilors present at the meeting at which their names are presented.

Section 3. Student Members. Graduate students and such undergraduates matriculating in recognized universities and colleges within the Metropolitan area, may be elected to Student Membership for a period not to exceed five years in the manner prescribed for Annual Active Members, provided each candidate for Student Membership shall be recommended by two professors who are acquainted with the scientific work of such candidate.

At any time subsequent to their election, graduate students may apply therefor and, upon the approval of the Council, assume the full privileges and responsibilities of Active Members.

Section 4. Corporation Members. Any corporation or association interested in the advancement of science may be nominated and elected by the Council to Corporation Membership. Each Corporation Member shall have the privilege of designating three representatives for attendance at all stated meetings of the Academy in the manner and under such conditions as may be prescribed by the Council.

Section 5. Patrons. Any person eligible for Membership under *Section 2* of this Article and who shall contribute the sum of \$1,000 to the Academy shall, upon election by the Council, be entitled to the designation Patron and to the privileges of an Active Member. Patrons shall be exempt from payment of dues.

Section 6. Benefactors. Any person eligible for Membership under *Sections 1* or *2* of this Article who shall contribute the sum of \$5,000 or more to the Academy shall, upon election by the Council, be entitled to the designation Benefactor and to the privileges of an Active Member. Benefactors shall be exempt from payment of dues.

Section 7. Life Members. Any person eligible for Membership under *Sections 1* or *2* of this Article who shall contribute at one time the sum of \$10,000 shall, upon election by the Council, be entitled to the designation Life Member and to all the privileges of an Active Member for life. Life Members shall be exempt from payment of dues.

Any Sustaining Member who has paid annual dues for twenty-five years or more may, upon written request to the Council, be made a Life Member and be exempt from further payment of dues.

Section 8. Termination of Membership for Cause. The Council is empowered to censure any Member, or suspend, or terminate his Membership for violation of the Constitution or Bylaws or for any offense deemed sufficient for such action, provided that not less than thirty days notice, stating the offense charged, shall be sent to such Member and provided that he shall, if he so requests, receive the opportunity to appear before the Council in his own defense.

Article VI

ANNUAL DUES

Section 1. Dues. The Annual dues of a Sustaining Member shall be \$25, payable in advance on the second day of each January.

The annual dues of an Annual Active Member shall be \$15, payable in advance on the second day of each January.

The Annual dues of a Student Member shall be \$5, payable in advance on the second day of each January.

The annual dues of a Corporation Member shall be \$1,000, payable in advance on the second day of each January.

Section 2. Members in Arrears. Any Member whose dues for the year shall remain unpaid on September first of each year shall be deemed not in good standing and if such Member shall neglect or refuse to pay the same within three months after notification of such delinquency by the Treasurer, his Membership may be terminated by vote of the Council. Upon payment of his arrears, however, such person may be restored to Membership or Fellowship by vote of the Council.

Section 3. Renewal of Membership. Any Active Member who shall resign while in good standing may be restored by vote of the Council to Active Membership or Fellowship at any time upon application.

Article VII

COMMITTEES OF THE COUNCIL

Section 1. Executive Committee. This Committee shall consist of the President, the President-elect, the two Vice Presidents, the Corresponding Secretary, the Recording Secretary, the Treasurer, the Editor, the Chairman of the Finance Committee and the Executive Director. Six Members of the Committee shall constitute a quorum.

In the interim between Council Meetings, the Executive Committee shall manage and control the affairs of the Academy, exercising all the powers of the Council not specifically delegated to other Committees and not inconsistent with the provisions of the Constitution and the Bylaws.

At a meeting of the Executive Committee to be held within the first week of January, the President, after consultation with the Executive Committee, shall appoint each standing Committee of the Council, with the exception of the Finance Committee, to serve until the end of the calendar year.

The Executive Committee shall study matters that require consideration by the Council, including the Annual Budget, as prepared by the Executive Director, and shall make appropriate recommendation to the Council.

A regular meeting of the Executive Committee shall be held at least once every quarter at the call of the President.

A special meeting of the Executive Committee for the consideration of

urgent matters may be called by the President at any time. A special meeting of the Executive Committee shall be called by the President or the Recording Secretary on the written request of three Members of the Committee.

Section 2. Annual Meeting Committee. This Committee shall consist of three appointed Members, the President and the Executive Director. Three Members of the Committee shall constitute a quorum.

At the April meeting of the Council, this Committee shall propose a program for the Annual Meeting of the Academy and, on approval by the Council, shall make the necessary arrangements.

Section 3. Conference Organization Committee. This Committee shall consist of nine appointed Members, the President and the Executive Director. Five Members of the Committee shall constitute a quorum.

This Committee shall study the suitability and timeliness of subjects proposed for conferences, with a view to the maintenance of the highest standards of scientific impartiality and breadth.

Regular meetings of this Committee shall be held once a month during the Academic year, and at such other times as the Chairman shall determine.

The proponents of proposed conferences and visitors or advisers to the Committee shall be heard in open session.

The business of the Conference Organization Committee shall be conducted and all decisions made in executive session. Such discussions and decisions shall be held as strictly confidential.

The proponent of a proposed conference shall present a tentative program showing the scope of the field to be covered, the number of sessions planned, the intended speakers, the proposed titles of their contributions, and the availability of well-qualified chairmen and experts to aid in developing and conducting such conference.

In each case, the Committee shall inquire into the probable expense involved and, when advisable, shall request suggestions from the proponent of the conference concerning sources for grants-in-aid toward defraying the cost of the conference and the publication of the resulting monograph. The Committee shall schedule dates so as to insure the proper timing of several conferences held in any one year. If the Committee then approves a tentative program, it shall recommend it to the Council for approval in principle.

Approval in principle by the Council of a proposed conference authorizes the Conference Organization Committee to proceed with the development in detail of a coordinated program for the conference and, when completed, to recommend it to the Council for final action.

The dates scheduled for a conference should not be less than six weeks after the final approval by the Council.

The Organizing Chairman of each conference shall aid the Editor in obtaining the manuscripts in reasonable time to assure prompt publication, but it shall be the responsibility of the Editor to decide matters concern-

ing the publication of the proceedings, including format and editorial policy.

Section 4. Committee on Fellows and Honorary Life Members. This Committee of eleven Members shall consist of the President, the Executive Director, the Corresponding Secretary, who shall be Chairman of the Committee, and an appointed representative of each of the sections and divisions. Six Members of the Committee shall constitute a quorum.

This Committee shall consider all suggestions for nomination to Fellowship and Honorary Life Membership sent in writing by any Active Member of the Academy to the Recording Secretary, 2 East Sixty-third Street, New York, New York, with the name of the proposer. To be considered, such suggestions must be received not later than September first of each year.

This Committee shall propose to the Council candidates for nomination to Fellowship and Honorary Life Membership and the names of such candidates shall be presented at the November meeting of the Council. Those names nominated by the Council shall then be balloted for at the Annual Meeting.

Section 5. House Committee. This Committee shall consist of three appointed Members, the President, and the Executive Director. Three Members of the Committee shall constitute a quorum. The Committee shall meet upon call by the Chairman or, in case of his inability to serve, by either the President or the Executive Director.

The duties of the Committee shall be:

(a) To consider and recommend to the Council rules and regulations relating to the Building or Buildings, including among other matters, custody, protection, insurance, the use and occupancy of the Buildings, corridors, furnishings and facilities therein, and their proper maintenance and repair.

(b) To recommend to the Council procedures for ascertaining the expenses of the Academy property allocable to use of the Building by other nonprofit organizations.

(c) To consider and recommend to Council appropriate action concerning offers of gifts and loans of articles.

Section 6. Membership Committee. This Committee shall consist of five appointed Members, the President, and the Executive Director. Four Members of the Committee shall constitute a quorum.

The personnel of this Committee shall represent different fields of science. The Committee shall review the requirements for and the privileges and obligations of the several classes of Membership. It shall recommend to the Council appropriate action concerning these items.

Section 7. Nominating Committee. This Committee shall consist of five appointed Members, at least three of whom shall be past-presidents of the Academy, the President, and the Executive Director. Five Members of the Committee shall constitute a quorum.

The Nominating Committee shall cause to be inserted in each April is-

sue of the *Transactions*, a notice to the Active Members, quoting Article IV, Section 1 of the Bylaws. It shall report to the Council a proposed list of candidates for the offices to be filled at the next Annual Meeting, as prescribed in Article IV of the Bylaws.

Section 8. Committee on Prizes. The Committee on Prizes shall consist of five appointed Members, the President, and the Executive Director, with power to add other Members. Four Members of the Committee shall constitute a quorum.

This Committee shall act as a Committee of judges of all papers entered in competition for prizes and, at its discretion, may consult experts in various fields of science regarding the competing papers.

It shall determine the conditions of competition, within the limits set by the donors of the prizes, as approved by the Council, and shall publish them in the *Transactions* and by other convenient methods.

It shall receive and care for the competing papers and conduct all correspondence regarding them. Its decisions of award shall be final.

At the Annual Meeting of the Academy in December of each year, the Committee shall announce the prize awards for that year and shall announce the prizes to be awarded in competition in the succeeding year.

Section 9. Publication Committee. The Publication Committee shall consist of five appointed Members, the President and the Executive Director. Four Members of the Committee shall constitute a quorum. The Editor may sit on this Committee but shall not have the power to vote. It shall advise the Editor and may make recommendations to the Council on publication matters.

Section 10. Committee on Organization and Rules. This Committee shall consist of a Chairman, who previously shall have served at least one year as an officer of the Academy, five other appointed Members, the President, and the Executive Director. Five Members of the Committee shall constitute a quorum.

The duties of this Committee shall be:

(a) To consider and recommend from time to time, either upon its own initiative or by reference from the Council, revisions or amendments of the Charter of the Constitution and of the Bylaws.

(b) To provide needed information for the Council on matters relating to the History of the Academy, its Charter, Constitution, Bylaws, acts of the Annual and stated meetings of the Academy, and of the Council, Committees, and Officers.

(c) To interpret for the Council the Charter, Constitution, Bylaws, the acts of the Annual or stated meetings of the Academy and acts of the Council.

(d) to recommend to the Council, from time to time, measures for reconciling or removing inconsistencies and conflicts between and among the acts of the Academy and of the Council.

Article VIII

SECTIONS AND DIVISIONS

Section 1. Organization.

(a) Each section and division shall have a Chairman and a Secretary who shall be responsible for the successful functioning of the section or division, and shall have charge of its meetings. These officers shall be responsible for the selection of programs, sufficiently diversified to cover broadly the field represented by the section or division, and the maintenance of a standard of excellence in conformity with the ideals of the Academy.

(b) The Chairman or, in his absence, the Secretary shall preside at all meetings of the section or division. Both the Chairman and the Secretary shall attend a meeting of all Chairmen and Secretaries of sections and divisions, which shall be called in January of each year by the President of the Academy. At this meeting, plans for all section and division meetings shall be discussed and adopted, including the provisions for the conduct of the meetings, in accordance with the regulations established by the Council.

Section 2. Meetings.

(a) *Stated Meetings.* Each section and division shall hold one stated meeting each month, on dates authorized by the Council, from October first to May thirty-first, inclusive, for the presentation and discussion of scientific papers.

(b) *Special Meetings.* Special meetings for the presentation of additional scientific programs may be arranged by the Chairman of any section or division and the Executive Director.

Section 3. Elections. At the April meeting, the Chairman shall appoint a Nominating Committee of five Active Members, in good standing, who shall bring into the May meeting of the section or division proposals for the nomination of a Chairman and a Secretary for the respective section or division.

At the May meeting, each section and division shall:

- (1) elect a Secretary who shall take office on January first following;
- (2) nominate a Chairman who, if approved by the Council and elected by the Academy, shall take office on the January first following.

Article IX

AFFILIATIONS

Section 1. Members of scientific societies affiliated with the Academy may attend the meetings of the Academy and present papers under the regulations of the Academy.

Section 2. A society affiliated with the Academy may be accorded the privilege to hold meetings in the Academy Building, subject to the regu-

tations for such use as established by the Council.

Article X

PUBLICATIONS

Section 1. Established Publications. The established publications of the Academy shall be the *Monthly Program*, the *Annals*, the *Special Publications*, the *Transactions*, the *Scientific Survey of Porto Rico and the Virgin Islands*, and the *Memoirs*. These shall be issued by the Editor under the authority and supervision of the Council, with the Publication Committee acting in an advisory capacity.

Section 2. Distribution of Publications. Publications of the Academy shall be distributed upon such terms as the Council shall direct.

Article XI

MEETINGS

Section 1. Annual Meeting of the Academy. The Annual Meeting shall be held each December on a date set by the Council and notice shall be sent to each Active Member not less than two weeks before the meeting.

Section 2. Special Meetings. A special meeting of the Academy may be held by order of the Council provided two weeks' notice is sent to each Active Member stating the object of such meeting.

Article XII

ORDER OF BUSINESS

Section 1. Annual Meetings. The following shall be the order of procedure at Annual Meetings:

- (a) Annual reports of the Corresponding Secretary, Recording Secretary, Treasurer, and Editor.
- (b) Election of Fellows and Honorary Life Members.
- (c) Report of the tellers on the election of Officers and other Members of the Council for the ensuing year.
- (d) Address of the retiring President.

Article XIII

GENERAL PROVISIONS

Section 1. Debts. No debts shall be incurred on behalf of the Academy by any Officer or Member unless authorized by the Council.

Section 2. Bills. All bills submitted to the Council must be certified as to their correctness by the Officers incurring them.

Article XIV

STANDING RULES

Section 1. A standing rule to govern special or temporary situations may be adopted at any meeting of the Council by the vote of the majority of the members of the Council present and entitled to vote.

Section 2. A standing rule may be suspended at any regular meeting of the Council by a majority vote of the members present and entitled to vote.

Article XV

AMENDMENTS

These Bylaws may be amended at any regular meeting of the Council by a two-thirds vote of the members of the Council present and entitled to vote, provided that a copy of the proposed amendment is sent to the members of the Council at least thirty days prior to the meeting at which the action is to be taken.

Article XVI

PARLIAMENTARY AUTHORITY

The rules contained in Robert's "Rules of Order," current revised edition, shall govern the actions of The New York Academy of Sciences in all cases to which they are applicable and in which they are not inconsistent with the Constitution and the Bylaws of the Academy.

MONOGRAPHIC PUBLICATIONS
OF
THE NEW YORK ACADEMY OF SCIENCES
(LYCEUM OF NATURAL HISTORY, 1817-1876)

(1) The ANNALS (octavo series), established in 1823, contain the scientific contributions and reports of researches, together with the records of meetings of the Academy. The articles which comprise each volume are printed separately, each in its own cover, and are distributed immediately upon publication. The price of the separate articles depends upon their length and the number of illustrations, and may be ascertained upon application to the Executive Director of the Academy.

Current numbers of the ANNALS are sent free to all Members of the Academy desiring them.

(2) The SPECIAL PUBLICATIONS, established in 1939, are issued at irregular intervals as cloth-bound volumes. The price of each volume will be advertised at time of issue.

(3) The MEMOIRS (quarto series), established in 1895, are issued at irregular intervals. It is intended that each volume shall be devoted to monographs relating to some particular department of Science. Volume I, Part 1 is devoted to Astronomical Memoirs, Volume II to Zoological Memoirs. No more parts of the Memoirs have been published to date. The price is one dollar per part.

(4) The SCIENTIFIC SURVEY OF PORTO RICO AND THE VIRGIN ISLANDS (octavo series), established in 1919, gives the detailed reports of the anthropological, botanical, geological, paleontological, zoological, and meteorological surveys of these islands.

Subscriptions and inquiries concerning current and back numbers of any of the publications of the Academy should be addressed to

EXECUTIVE DIRECTOR
The New York Academy of Sciences
2 East Sixty-third Street
New York 21, N. Y.

